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RESPONSE TO NON-FINAL OFFICE ACTION

Serial No.: 10/553,016

Filing Date: August 1, 2006 Attorney Docket No. 118.036US01
Title: HYDRAULIC JOINT ARTICULATED DEVICE AND USE THEREOF WITH A HEAT RADIATOR

IN THE CLAIMS

1-19 (canceled)

- (currently amended) A hydraulic joint articulated device having a pair of articulated connectors, each comprising;
 - a first hinge member and a second hinge member-apt adapted to be assembled and comprising a respective hydraulic channel, in which there is obtained a pin seat, and a respective connector seat with a duct;
 - a tubular pin having a respective pin hydraulic channel forming, with the hydraulic channels of said first and second hinge members, a hydraulic joint extending between the respective connector seats;
 - a valve seat at one end of said tubular pin and a respective shutter member located in an opening-obtained in one of said hinge members so that-the a relative position between the shutter member and the valve seat may be adjusted by directly acting on said shutter member[[,]];
 - a tubular duct, at each articulated connector, extending from the respective connector seat to a mouthpiece section-apt to adapted to receive-the abovementioned waterworks piping, extending inside a masonry; and

wall anchoring means at each articulated connector and at the respective tubular duct,

eharacterized in that wherein said anchoring means comprise an elongate box member, apt adapted to be buried in the masonry, the box member having[[:]] a longitudinal opening that may be crossed by said tubular duct without positional restrictions, at the sides of the opening, the elongate box member comprising plane edges; at the inside, a recess inside of the box member allowing to house piping; and plate coupling means between each tubular duct and the longitudinal opening of the box member. RESPONSE TO NON-FINAL OFFICE ACTION

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21. (currently amended) The device according to claim 20, wherein the elongate box member comprises clamps formed onto the sidewalls sides of the opening.

22. (currently amended) The device according to claim 21, wherein said plate coupling means

comprises a pair of plates fitted onto the tubular duct, the first plate being-apt adapted to be inserted inside the elongate box member whereas the second plate is pressed from the outside against an exterior of said plane edges by a tightening member.

- 23. (previously presented) The device according to claim 22, wherein the plate coupling means comprises a cover plate fitted onto the tubular duct at each tightening member.
- 24. (currently amended) The device according to claim 20, wherein said first hinge member and second hinge member both have the a shape, defined by a respective rigid casing, of a sphere sector.
- 25. (previously presented) The device according to claim 24, wherein said sphere sector has a 90° width so as to allow a 180° relative rotation.
- 26. (previously presented) The device according to claim 20, wherein said pin seats are arranged head-to-head and are partitioned by an antifriction washer.
- 27. (currently amended) The device according to claim 20, wherein the tubular pin has O-ring gaskets inserted in-suitable annular grooves.
- 28. (currently amended) The device according to claim 20, wherein the tubular pin has a side

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recess-apt adapted to be engaged by a fastening pin, inserted in a hinge member in a suitable seat, adjustable through the respective connector seat.

- 29. (previously presented) The device according to claim 20, wherein the pin hydraulic channel is coaxial to the tubular pin.
- 30. (currently amended) The device according to claim 20, wherein said valve seat is made of a countersink formed onto-the a head of the tubular pin and onto-the an internal cylindrical surface of the latter tubular pin.
- 31. (currently amended) The device according to claim 20, wherein said opening in the one of said hinge members is obtained in a stationary hinge member of said hinge members.
- 32. (currently amended) The device according to claim 20, wherein the shutter member extends between-the an inside of the respective hinge member and the an outside and wherein said opening in the one of said hinge members is a threaded hole that, together with the shutter member, is coaxial to the tubular pin, i.e. and to the axis of rotation of the articulated connector, thereby giving to the shutter member-the an option of translating axially, there being ensured the perfect correspondence between it the shutter member and the valve seat.
- 33. (currently amended) The device according to claim 20, comprising additional supporting means, comprising additional supporting means, in order to at least partially discharge the weight of the a radiator when the radiator is connected to the pair of articulated connectors.

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 (previously presented) The device according to claim 33, wherein said additional supporting means comprises at least one supporting member.

- (currently amended) The device according to claim 34, wherein said at least one
 supporting member comprises a projecting pin embedded in the a wall of the masonry[[,
 e.g.]] by virtue of conventional fastening means-like or a screw anchor.
- 36. (currently amended) The device according to claim 35, wherein-the a head of the projecting pin is made of a shock-resistant material[[, e.g.]] or rubber and the like and has a rounded end that, by exploiting the elasticity of the projecting pin, allows the head to be inserted below a structural member of the radiator itself.
- 37. (canceled)
- (previously presented) A heat radiator comprising at least one articulated connector or a hydraulic joint articulated device of claim 20.